

FORM PTO-1448 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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ATTY. DOCKET NO.

500.31108CC4

SERIAL NO.

09/162,444
Not Yet Assigned

APPLICANT

A. TANAKA et al.

FILING DATE

Even Date Herewith

GROUP 2784

2785 (Anticipated)

U.S. PTO
09/162,444
04/29/93

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HN	4 4 6 4 7 4 7	08/84	Groudan et al.	371	50	
	4 8 7 0 6 4 3	09/89	Bultman et al.	-----	-----	
	4 9 4 2 5 7 9	07/90	Goodlander et al.	371	51	
	5 2 0 8 8 1 3	05/93	Stallmo	-----	-----	10/23/90
	5 2 3 3 6 1 8	08/93	Gilder et al.	371	68.1	03/02/90
	5 3 9 0 1 8 7	02/95	Stallmo	-----	-----	10/23/90
HN	5 4 9 5 5 7 2	02/96	Tanaka et al.	395	184.01	03/30/92

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
HN	1- 2 5 0 1 2 8	10/89	Japan	-----	-----		X
	2- 1 3 5 5 5 5	05/90	Japan	-----	-----	Abstract	
	0 5 4 1 9 9 2	05/93	European Pat. Off.	-----	-----		
HN	0 5 4 6 8 2 6	06/93	European Pat. Off.	-----	-----		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

HN	R. Attar et al., "Site Initialization, Recovery, and Backup In a Distributed Database System", <u>IEEE Trans. on Software Engineering</u> , Vol. SE-10, No. 6, November 1984, pp. 645-649.
HN	G. Copeland et al., "A Comparison of High-Availability Media Recovery Techniques", <u>Proc. SIGMOD 1989</u> , ACM, pp. 98-109.
Considered HN	U.S. patent application Serial No. 08/895,986 filed on July 17, 1997.

EXAMINER

HOA NGUYEN

DATE CONSIDERED

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EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Rev. 4/92) Patent and Trademark Office

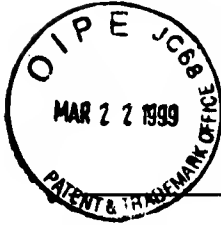
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APPLICANT

A. TANAKA et al.

FILING DATE

September 29, 1998

GROUP

2784 (Anticipated)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JN	5 3 2 1 7 0 3	06/94	Weng	371	36	03/13/92
JN	5 5 2 2 0 3 1	05/96	Ellis et al.	395	182.04	06/29/93
JN	5 5 6 4 1 1 6	10/96	Arai et al.	395	182.05	11/17/94
JN	5 6 4 9 0 9 3	07/97	Hanko et al.	395	182.04	05/22/95

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

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